

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: Unknown)
Filing Date: Unknown)
Priority Date: 31 MAY 2000)
Applicant: MATEY, Jesus)
For: TELEVISION SYSTEM)

PRELIMINARY AMENDMENT

Director For Patents
Box: New Application
Washington, D.C. 20231

Dear Sir:

This is a preliminary amendment to the enclosed application entitled "Television System"
claiming priority to British Patent Application No. 0013045.0 filed May 31, 2000.

In the Specification:

Please amend the specification as follows:

Page 1, prior to the first paragraph, add the header and paragraph "CROSS-REFERENCE
TO RELATED APPLICATION This application claims priority to British Patent Application
No. 0013045.0 filed 31 May 2000."; between lines 1 and 2, add the Header "**BACKGROUND
OF THE INVENTION**"; line 8, change "Programme" to --Program--; line 10, change
"Programme" to --program--; between lines 24 and 25 add the Header "**SUMMARY OF THE
INVENTION**"; and lines 14 and 17 change "colour" to --color--.

Page 2, lines 20 and 24, change "favourite" to --favorite--.

Page 3, line 10, change "colour" to --color--; lines 11, 15 and 18 change "colours" to --

colors--; line 12 change "coloured" to --colored--; and between lines 25 and 26 add the Header
"DESCRIPTION OF THE DRAWINGS";

Page 4, after the 1st line, add the Header **"DESCRIPTION OF THE PREFERRED EMBODIMENTS"**; line 25, change "Coloured" to --Colored--.

Page 5, lines 6 and 7, change "colour" to --color--; line 12, both occurrences, change "coloured" to --coloured--.

Page 6, line 9, change "customised" to --customized--; line 10, change "colour" to --color--; line 12, change "coloured" to --colored--; line 13, change "recongise" to --recognize--; lines 15 and 16, change "coloured" to --colored--; line 17 delete "of".

Page 7, line 2, change "customising" to --customizing--; add the new following paragraph after the last line --While the invention has been described with a certain degree of particularly, it is manifest that many changes may be made in the details of construction and the arrangement of components without departing from the spirit and scope of this disclosure. It is understood that the invention is not limited to the embodiments set forth herein for purposes of exemplification, but is to be limited only by the scope of the attached claim or claims, including the full range of equivalency to which each element thereof is entitled.--

Attached are new paragraphs to be added to pages 1-7.

In the claims:

Please amend the claims 1-11 and add new claim 12 as follows:

1. (Amended) A television system, said system comprising: at least a display screen, said television system receiving video, audio and/or auxiliary data via a broadcast data receiver from a broadcaster at a remote location and said data being used to generate an electronic program guide for display on the display screen, the electronic program guide including a series of

selectable screen displays selected to be displayed on the display screen and wherein the format of at least one of said electronic program guide screen displays can be generated in one of a number of selectable formats, said display formats selectable by the user using control means which allow interaction with said television system.

2. (Amended) A television system according to claim 1 wherein the pre-determined formats are selectable from the electronic program guide display screen.

3. (Amended) A television system according to claim 1 wherein said control means is a remote control handset.

4. (Amended) A television system according to claim 1 wherein the number of selectable formats are stored in memory of said broadcast data receiver.

5. (Amended) A television system according to claim 1 wherein the number of selectable formats are sent from the broadcaster to said broadcast data receiver at pre-determined time intervals.

6. (Amended) A television system according to claim 1 wherein when one of the number of selectable formats is selected by the user, the format is maintained for said electronic program guide display until the user selects a different selectable format.

7. (Amended) A television system according to claim 1 wherein when one of the number of selectable formats is selected by the user, said electronic program guide reverts to a default

format when said television system is switched off and then on.

8. (Amended) A television system according to claim 1 wherein a user selected format is stored in said television system as a default format, said electronic program guide reverting to the saved default format when said television system is switched off and then on.

9. (Amended) A television system according to claim 1 wherein a preview setting is provided on said electronic program guide to enable a user to view a format prior to selection of the format.

10. (Amended) A television system according to claim 1 wherein the number of selectable electronic program guide formats is selected from the group consisting of at least one of displaying said electronic program guide in different sizes and arrangements, different languages, different font sizes, different colored text, different colored backgrounds and different shaped operation keys.

11. (Amended) A television system according to claim 1 wherein operational keys on the remote control are provided in specific shapes and colors corresponding to specific shaped and colored keys or buttons in one or more of the selectable electronic program guide formats, each allocated to a pre-defined operation on the displayed format, such that one or more of the pre-defined operations are initiated via the electronic program guide by selecting the appropriate one or more specified shaped and colored keys on the remote control.

12. (New) A television system according to claim 1 wherein operational keys on the

television system are provided in specific shapes and colors corresponding to specific shaped and colored keys or buttons in one or more of the selectable electronic program guide formats, each allocated to a pre-defined operation on the displayed format, such that one or more of the pre-defined operations are initiated via the electronic program guide by selecting the appropriate one or more specified shaped and colored keys on the television system.

REMARKS

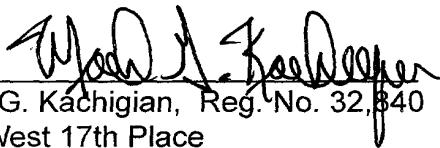
Attached are the marked up versions of the claims and new paragraphs as required in Section 1.121(4) (ii).

The application should now be in condition for examination, which is respectfully requested.

Respectfully Submitted

HEAD, JOHNSON & KACHIGIAN

Dated: 31 May 2005

BY: 
Mark G. Kachigian, Reg. No. 32,840
228 West 17th Place
Tulsa, Oklahoma 74119
(918) 584-4187
Attorneys for Applicant

Claims:-

1. (Amended) A television system said system comprising: [including] at least a display screen [(2)], said television system receiving video, audio and/or auxiliary data via a broadcast data receiver from a broadcaster at a remote location and said data being used to generate an [EPG] electronic program guide for display on the display screen [(2)], the [EPG] electronic program guide [comprising] including a series of selectable screen displays selected to be displayed on the display screen and [characterised in] wherein that the format of at least one of said [EPG] electronic program guide screen displays can be generated in one of a number of selectable formats, said display formats selectable by the user using control means which allow interaction with [the] said television system.
2. (Amended) A television system according to claim 1 [characterised in that] wherein the pre-determined formats are selectable from the [EPG] electronic program guide display screen.
3. (Amended) A television system according to claim 1 [characterised in that the] wherein said control means is a remote control handset.
4. (Amended) A television system according to claim 1 [characterised in that] wherein the number of selectable formats are stored in memory of [the] said broadcast data receiver.
5. (Amended) A television system according to claim 1 [characterised in that]

wherein the number of selectable formats are sent from the broadcaster to [the] said broadcast data receiver at pre-determined time intervals.

6. (Amended) A television system according to claim 1 [characterised in that] wherein when one of the number of selectable formats is selected by the user, the format is maintained for [the EPG] said electronic program guide display until the user selects a different selectable format.

7. (Amended) A television system according to claim 1 [characterised in that] wherein when one of the number of selectable formats is selected by the user, [the EPG] said electronic program guide reverts to a default format when [the] said television system is switched off and then on.

8. (Amended) A television system according to claim 1 [characterised in that] wherein a user selected format is stored in [the] said television system as a default format, [the EPG] said electronic program guide reverting to the saved default format when the television system is switched off and then on.

9. (Amended) A television system according to claim 1 [characterised in that] wherein a preview setting is provided on [the EPG] said electronic program guide to enable a user to view a format prior to selection of the format.

10. (Amended) A television system according to claim 1 [characterised in that] wherein the number of selectable [EPG] electronic program guide formats [include any

or any combination of is selected from the group consisting of at least one of displaying [the EPG] said electronic program guide in different sizes and[/or] arrangements, different languages, different font sizes, different [coloured] colored text, different [coloured] colored backgrounds and[/or] different shaped operation keys.

11. (Amended) A television system according to claim 1 [characterised in that] operational keys on the remote control [and/or on the television system] are provided in specific shapes and[/or colours] colors corresponding to specific shaped and[/or coloured] colored keys or buttons in one or more of the selectable [EPG] electronic program guide formats, each allocated to a pre-defined operation on the displayed format, such that one or more of the pre-defined operations are initiated via the [EPG] electronic program guide by selecting the appropriate one or more specified shaped and[/or coloured] colored keys on the remote control [and/or on the television system].

12. (New) A television system according to claim 1 operational keys on the television system are provided in specific shapes and colors corresponding to specific shaped and colored keys or buttons in one or more of the selectable electronic program guide formats, each allocated to a pre-defined operation on the displayed format, such that one or more of the pre-defined operations are initiated via the electronic program guide by selecting the appropriate one or more specified shaped and colored keys on the television system.

New Header and paragraph to be inserted on Page 1, after title.

CROSS-REFERENCE TO RELATED APPLICATION

This application claims priority to British Patent Application No. 0013045.0 filed May 31, 2000.

New paragraph Header to be inserted into Page 1, between lines 1 and 2:

BACKGROUND OF THE INVENTION

Page 1, replacement paragraphs 2 and 3:

--A television system hereinafter described includes a broadcaster for transmitting digital data via terrestrial, cable or digital means, which is received by a broadcast data receiver (called a set top box). A result of the digital data is a large number of channels and programs available for selection by a user. Conventional listing means for this large number of channels and programs are inadequate and this has resulted in the development of Electronic Program Guides (EPG).

Electronic Program guides (EPG) for use with television systems are conventionally provided in a single broadcaster determined display format. This single display format may not be easily viewable by all users of the television system. For example, a user suffering from color blindness may be unable to distinguish between colored buttons, the selection of which operate different functions of the EPG. A user may not be able to distinguish the text of the EPG from the background display due to the colour of the same. In addition, the size of the text font may be too small for a user to read or too large for sufficient information to be displayed on the screen at any particular time. These problems are obviously undesirable.--

New paragraph Header to be inserted into Page 1, between lines 24 and 25:

SUMMARY OF THE INVENTION

Replacement paragraph 5 on page 2

--In an alternative embodiment the EPG reverts to a default format when the receiver has been switched off and then on. A favorite format option can be provided in a drop down menu and saved in the receiver, such that if a default format is displayed on the screen or another user has altered the format, the user can quickly select their favorite format without having to decide on which format to choose.--

Replacement paragraphs 1, 2 and 3 on page 4:

--In a preferred embodiment of the invention, operational keys on the remote control, on the television system and/or on the EPG are provided in specific shapes such that pre-defined operations are initiated by selecting a specific shaped key. This embodiment is useful for user's suffering from colour blindness, who are unable to distinguish different colours and therefore unable to distinguish conventional coloured operational keys.

The above embodiment is also useful for people who have poor eyesight or who are operating the remote control in a dark room and are unable to distinguish different colours easily but are more able to distinguish different shapes by feeling the keys with their fingers.

Preferably the shaped operational keys are also provided in pre-determined colours such that pre-defined operations are initiated by selecting a specific shaped and coloured keys. The combination of shaped and coloured keys provides the user with two means of distinguishing an operational key.--

New header paragraph to be inserted into Page 3 between lines 25 and 26:

DESCRIPTION OF THE DRAWINGS

New header paragraph to be inserted into Page 4 before the first line:

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Replacement paragraph 6 in Page 4:

--Figure 1B shows a further possible pre-defined EPG format for selection by a user. The text of the EPG is displayed in a grid 14, which substantially fills the screen, and channel and program information is provided in the boxes defined by the grid. Colored option buttons 16 are provided to enable a user to undertake certain functional operations of the EPG.--

Replacement paragraphs 1 and 2 on Page 5:

--Figure 1C shows a yet further possible pre-defined EPG format for selection by a user. The EPG is divided into two sections 18 and 20, each section relating to a particular television channel. A number of shaped option buttons 22 are provided, which can be selected by a user to undertake certain functional operations of the EPG. The option buttons are shaped such that a user who may be color blind, or who finds it difficult to distinguish color, can distinguish the function of each option button via the shape of the same.

It will be appreciated by persons skilled in the art that any number of pre-defined EPG formats can be provided for user-selection. For example, the user may be able to select a pre-defined format having different sized fonts, different colored font, different colored background and/or the like. In addition, the arrangement of the text of the EPG may be different. For example, the text could be arranged such that information relating to all available channels is shown simultaneously. Alternatively, the information for one or only a few of the available channels may be shown at any particular time.--

In addition to having customised EPG display formats, the control buttons on the television set, remote control and/or other devices which operate with the television system can be customized to enable user's suffering from certain disabilities, such as color blindness or poor sight to operate the controls relating to the EPG. For example, the control buttons can be shaped and colored such that a user can recognize a particular shaped key with a particular function of the EPG. The user can be provided with the option of providing colored buttons, shaped buttons or a combination of colored and shaped buttons in the guide page or on screen menu. The button shapes can include square, triangular, circular, diamond shaped buttons and/or other shapes.

Replacement paragraph 1 for Page 7:

--It can be seen from the above description that the present invention provides a means of customizing a display for an EPG on a television system.--

New paragraph to be inserted into Page 7 after the last line:

--While the invention has been described with a certain degree of particularity, it is manifest that many changes may be made in the details of construction and the arrangement of components without departing from the spirit and scope of this disclosure. It is understood that the invention is not limited to the embodiments set forth herein for purposes of exemplification, but is to be limited only by the scope of the attached claim or claims, including the full range of equivalency to which each element thereof is entitled.--